

## ATPAC UPDATE

### AREA OF CONCERN 123-4

4/19/06  
SAFETY: No

#### **SUBJECT: Speed Assignment Procedures for Arriving Aircraft**

**DISCUSSION:** Neither FAA Order 7110.65 nor the AIM contains clear guidance for controllers or pilots relating to airspeed management during STAR/RNAV arrivals. Specifically, when an airspeed is issued by ATC for sequencing, it is not clear when a pilot may reduce that airspeed in order to comply with regulatory airspeeds contained at fixes depicted on the arrival chart. While specific procedures relating to altitude management during such arrivals are included in both publications, the same type of guidance for airspeed management is not. Pilot reports and local procedures implemented by an FAA Center confirm this problem.

ALPA believes this issue can be resolved by revising FAAH 7110.65, Para 5-7-2, and AIM section 4-4-11 as follows:

**7110.65, Para 5-7-2:** Add sub paragraph **e.** as follows:

*“If a STAR/arrival procedure is issued after a speed assignment, pilots will be expected to comply with speed restrictions contained on the published arrival procedure. If ATC assigns a speed for sequencing **after** a STAR or other transition arrival procedure has been issued, pilots are expected to maintain that speed until further advised. It is the controller’s responsibility to ensure speed assignments are managed to allow pilot compliance with 14 CFR Section 91.117.”*

**AIM section 4-4-11:** Add new paragraph **f.** as follows and adjust remaining subparagraphs alphabetically as required: The existing **NOTE** following the current paragraph 4-4-11e, Example 2, should now follow the proposed paragraph **f.**

*“When a STAR/RNAV transition is issued **after** a speed assignment, pilots should comply with speed restrictions contained on the published arrival. If ATC assigns the speed **after** the clearance for a published arrival procedure, pilots are expected to maintain that speed until further advised.”*

**SUGGESTED ATPAC ACTION:** That ATPAC review this issue and consider approving the above recommendations.

**123** – Controllers assign what they need and are aware of the restrictions on the procedures. Discussion on DFW arrivals and constraints on route in relation to speed. Needs to be education of both pilots and controllers.

**RECOMMENDATION #1:** Add appropriate notes to the AIM and the 7110.65.

**124** – ATPAC further refined its recommendation as follows:

**7110.65, Para 5-7-2:** Add sub paragraph **e.** as follows:

*“When a SID/STAR is issued after a speed assignment, pilots will comply with speed restrictions contained on the published procedure. When a speed is assigned **after** a SID/STAR has been issued, pilots will maintain that speed until further advised. It is the pilot’s responsibility to ensure speed assignments are managed to permit compliance with 14 CFR Section 91.117.”*

**AIM section 4-4-11:** Add new paragraph **f.** as follows and adjust remaining subparagraphs alphabetically as required: The existing **NOTE** following the current paragraph 4-4-11e, Example 2, should now follow the proposed paragraph **f.**

*““When a SID/STAR is issued **after** a speed assignment, pilots will comply with speed restrictions contained on the published procedure. When a speed is assigned **after** a SID/STAR has been issued, pilots will maintain that speed until further advised.*

**125** – Due to insufficient time for the appropriate discussions this AOC will be further deferred until 126.

**126** – This item was not reviewed at 126. Steve Alogna will check status and report at 127.

**127** – This AOC was discussed however further coordination was needed.

**128** – David Young will coordinate with Ben on an existing proposal with a goal to satisfy this AOC.

**129** – Clarification of the status of this item is needed.

**130** – ATO-T advised that the current directives are sufficient. David Young will revisit issue with ATO-T and report findings at #131.

**131** – Richard Kagehiro, ATO-E, advised that the RNAV office has developed a draft DCP and is in the process of impaneling an SRM group. Larry Newman advised that the PARC had developed phraseology to address the issue.

**CURRENT STATUS:** DEFERRED

**RECOMMENDATION:** Add appropriate notes to the AIM and the 7110.65.

**IOU:** ATO-R Kerry Rose will check with RNAV office to report status of this AOC at 132.